Owner's Guide

PERFORMER®

(PERFORMER III CHAIR)

a-dec®

85.2638.00

Warranty Information

Serial Number _____

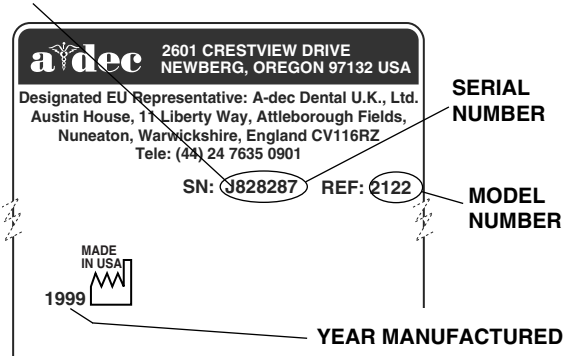
Model Number _____

Date Purchased _____

Date of Service	Model/Description of Service	Technician's Initials

ALPHABETICAL EQUIVALENT TO THE NUMERAL OF THE MONTH MANUFACTURED

A	January
B	February
C	March
D	April
E	May
F	June
G	July
H	August
I	September
J	October
K	November
L	December



Serial Number Identification

Performer Equipment:

- Delivery System: On the bottom of the control head.
- Cuspidor: Underneath the cuspidor, on the post.
- Assistant's Instrumentation: Underneath the assistant's instrumentation module, on the post.
- Light: On the light post, near the mounting end.
- Chair: On the upper structure, under the seat upholstery

For service information contact your local authorized A-dec dealer.

Check with local codes and A.D.A. (Americans with Disabilities Act) requirements for Installation of this product.

A-dec warrants its products and A-dec/W&H Synea handpieces against defects in material or workmanship for one year from time of delivery. All other handpiece instrumentation has a warranty period of six months. A-dec's sole obligation under the warranty is to provide parts for the repair, or at its option, to provide the replacement product (excluding labor). The buyer shall have no other remedy. (All special, incidental, and coincidental damages are excluded.) Written notice of breach of warranty must be given to A-dec within the warranty period. The warranty does not cover damage resulting from improper installation or maintenance, accident or misuse.The warranty does not cover damage resulting from the use of cleaning, disinfecting or sterilization chemicals and processes. The warranty also does not cover light bulbs. Failure to follow instructions provided in A-dec's Operation and Maintenance Instructions (Owner's Guide) may void the warranty.

NO OTHER WARRANTIES AS TO
MERCHANTABILITY OR OTHERWISE ARE MADE.

a-dec®

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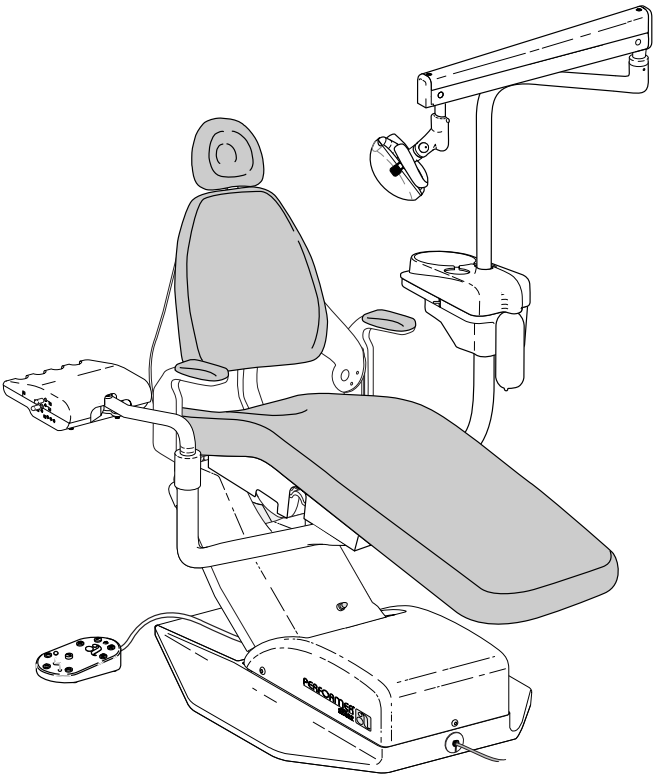
Serial number location, service information, and warranty information are located on the inside front cover and front page.



Performer III Chair

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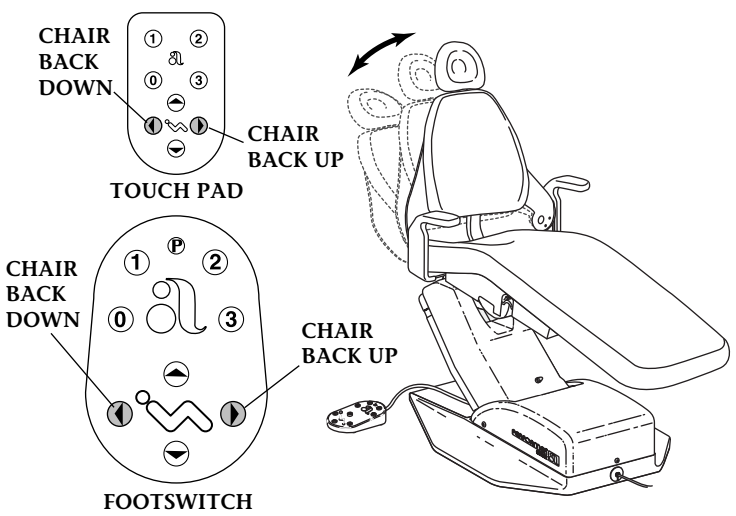
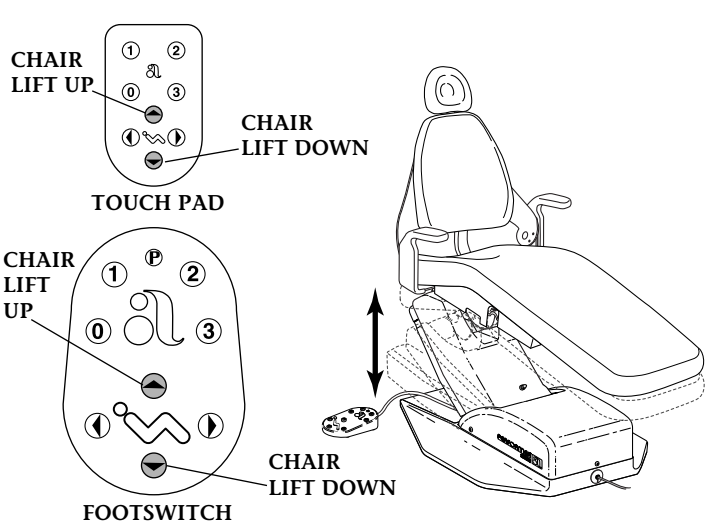
PERFORMER III CHAIR

Back Positioning



Seat Positioning

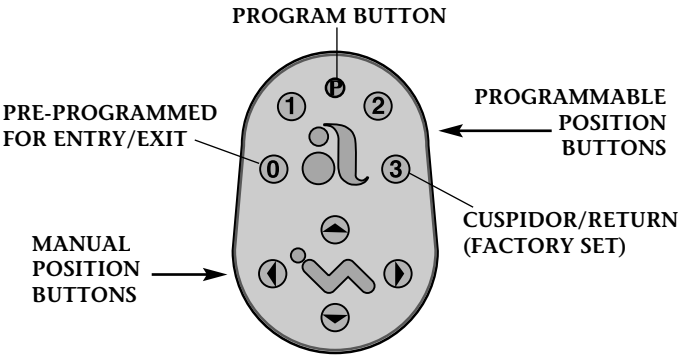


Programming Positions 0, 1, or 2

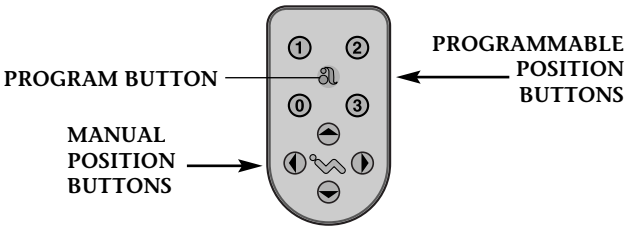
NOTE

To stop the chair at any point, push any button on the footswitch or touch pad.

- Move the chair to the desired operating position.
- Press the program button. A tone will sound.
- Press the programmable position button for the desired setting (0, 1, or 2) within 4 seconds.
- A tone will sound 3 times confirming the position has been reprogrammed.



Chair Footswitch



Chair Touch Pad

Position 3 is factory set in the Cuspidor/Return mode. Pressing the position 3 button moves the chair back up allowing patient access to the Cuspidor. Pressing the position 3 button a second time returns the patient to the previous operating position.

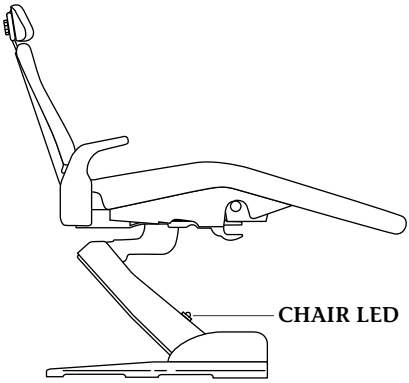
Contact an authorized A-dec Dealer to have Position 3 reconfigured to a third Pre-Position or as a last position recall.

Chair LED

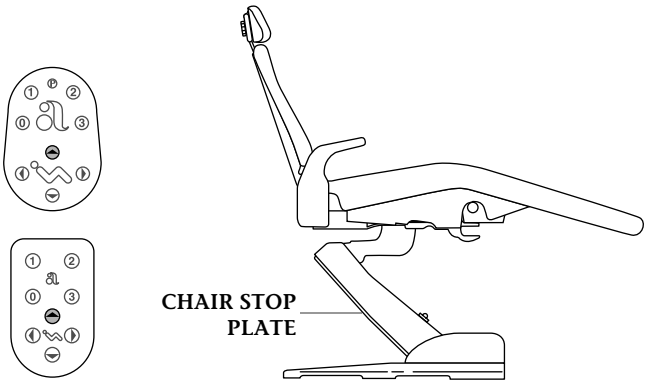
The chair LED indicates the status of the chair:

ON: Normal operation.

SLOW BLINK: The cuspidor or stop plate limit switches have been activated. Remove any obstructing object.

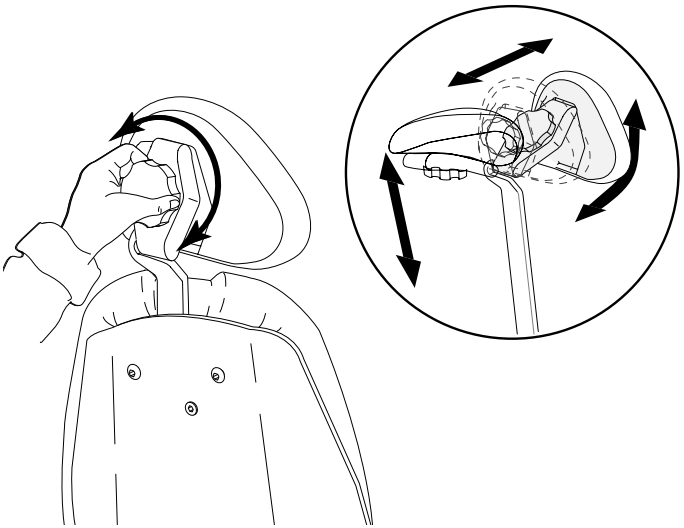


Chair Stop Plate

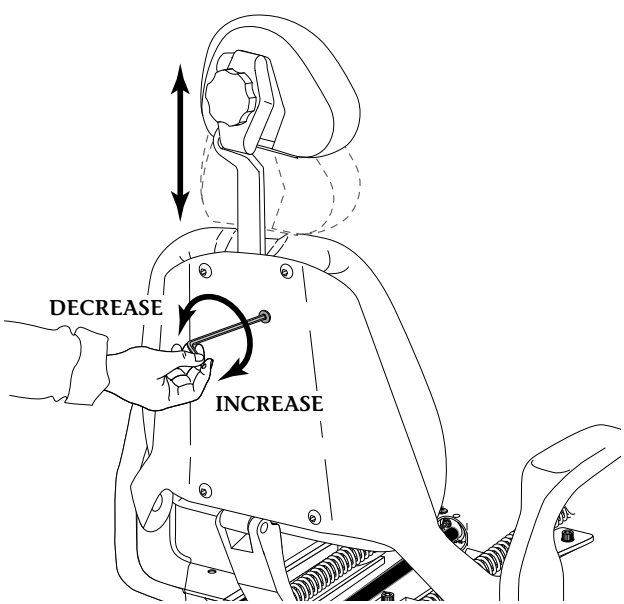


The chair stop plate stops the chair immediately when any part of it is pressed. Should anything inadvertently become lodged under the chair, press Base UP on the footswitch or touch pad to raise the chair so the object can be removed. As long as pressure is applied to the stop plate, the chair base will not go down any further.

Headrest Positioning

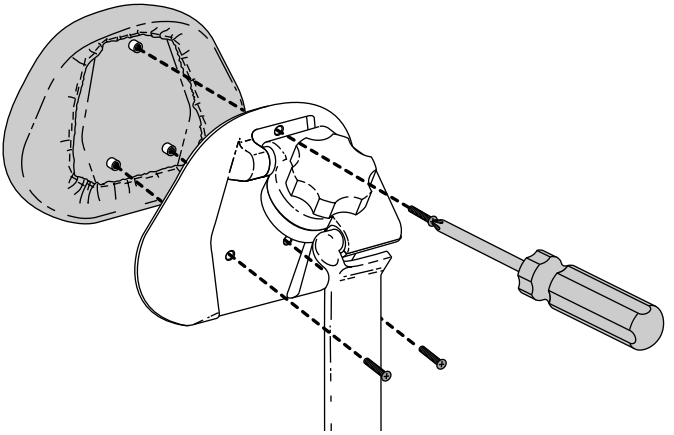


Headrest Glide Bar Tension Adjustment

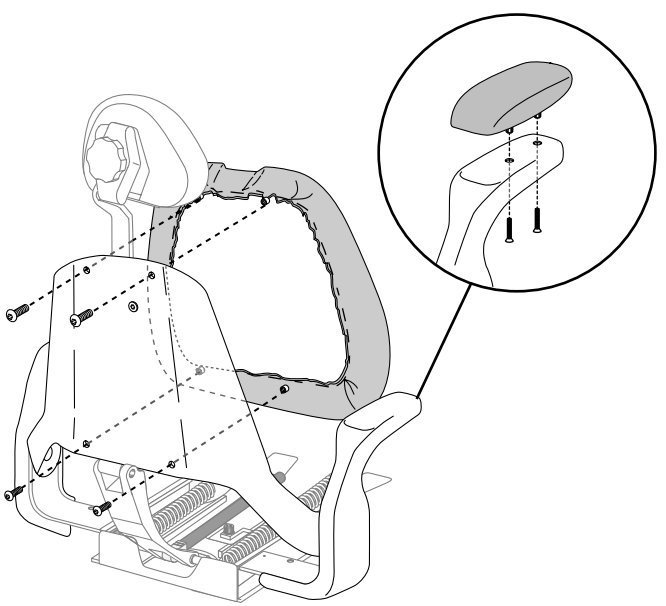


Upholstery Replacement

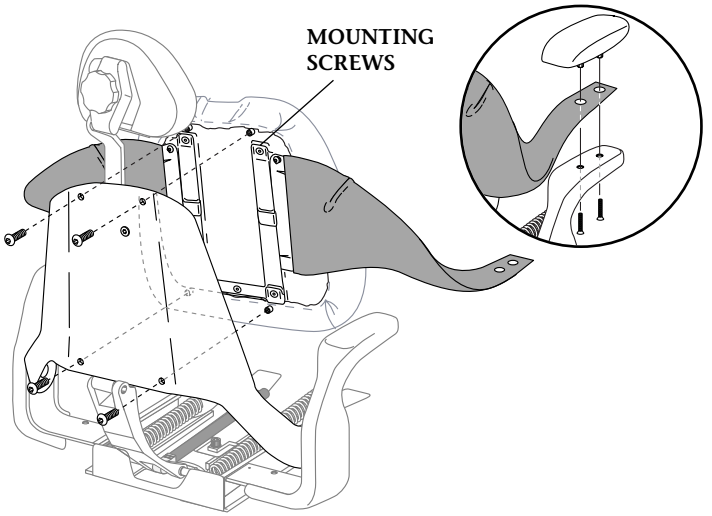
Double-Articulating Headrest Upholstery



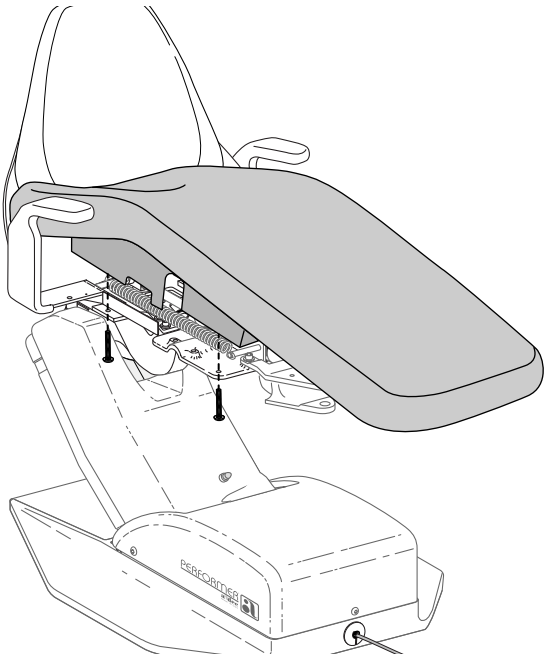
Backrest Upholstery/Armrest Caps



Narrow Backrest Upholstery with Slings

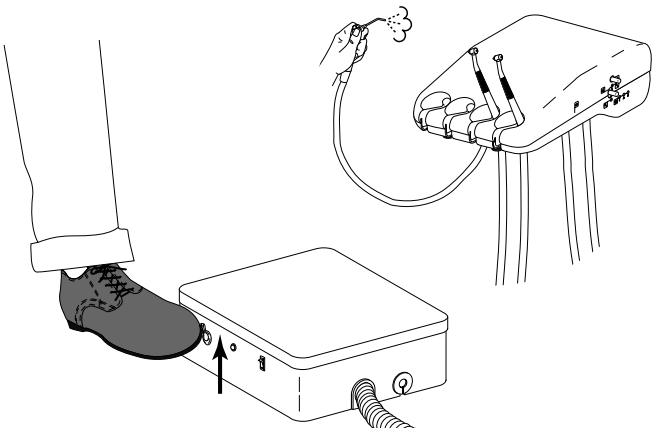


Seat/Toeboard Upholstery

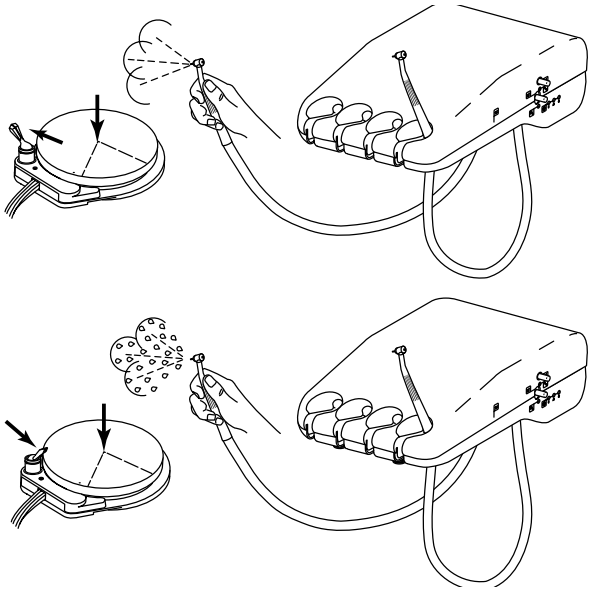


PERFORMER HANDPIECE CONTROL

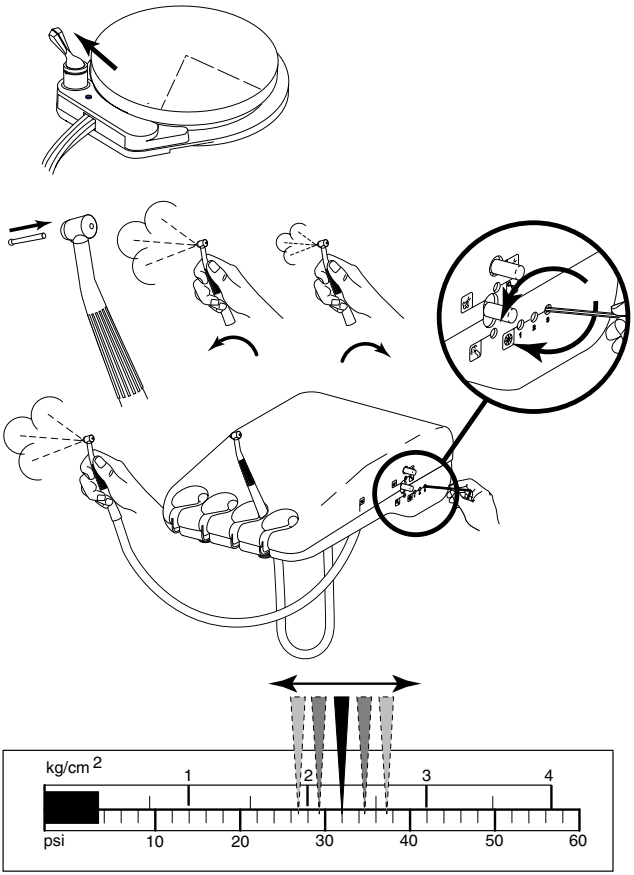
Master On/Off Toggle



Foot Control, Wet/Dry Toggle



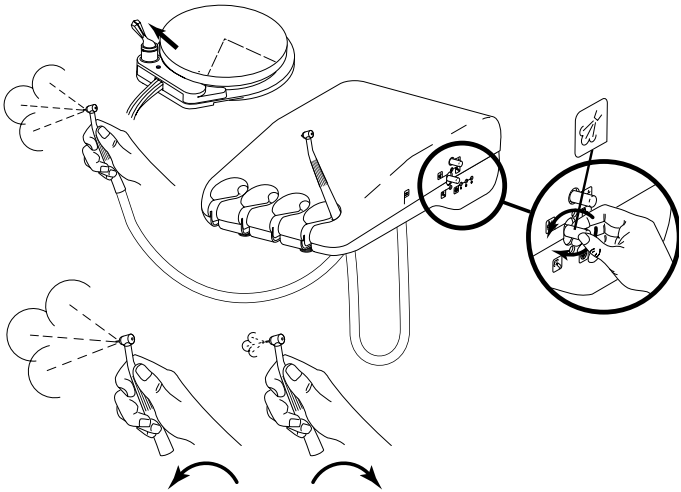
Drive Air Adjustment



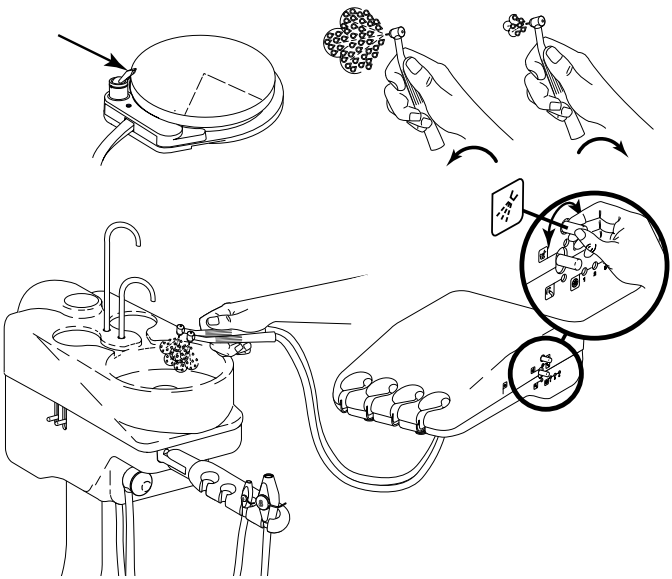
NOTE

The drive air control must be adjusted to meet the handpiece manufacturer's drive air pressure specification. Refer to the documentation that came with your handpiece for drive air pressure.

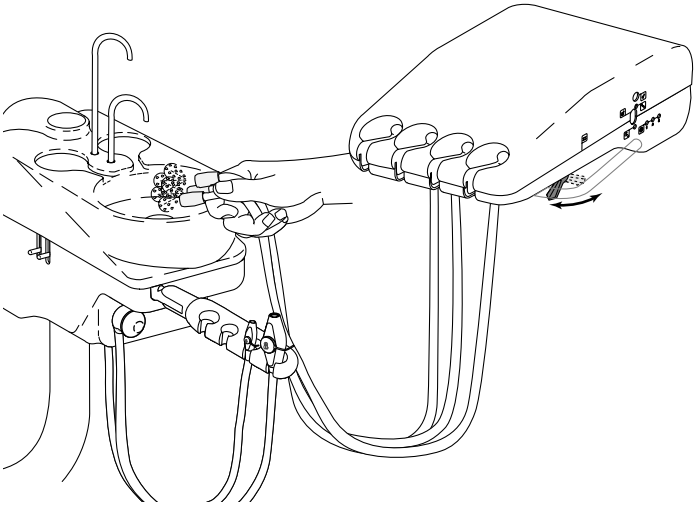
Coolant Air Adjustment



Coolant Water Adjustment



Handpiece Tubing Flush



The handpiece tubing flush system flushes more water through the tubings in less time than is normally possible when operating the foot control only. The handpieces should not be connected when flushing the tubings.

How Often Should the Handpiece Tubings be Flushed?

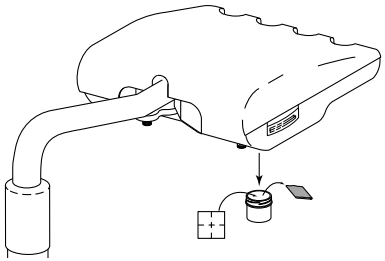
After each patient:

Flush the tubings for about 20–30 seconds.

At the beginning of each day:

Flush the tubings for 2–3 minutes.

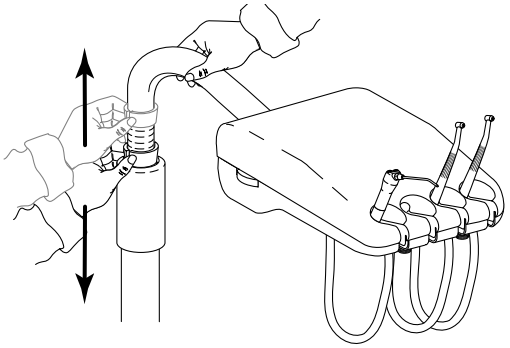
Handpiece Oil Collector, Cleaning



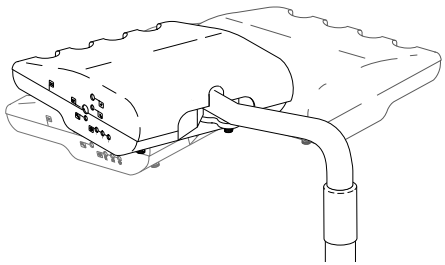
Change the 2" (50mm) square gauze pad once a week.

Handpiece Control Adjustments

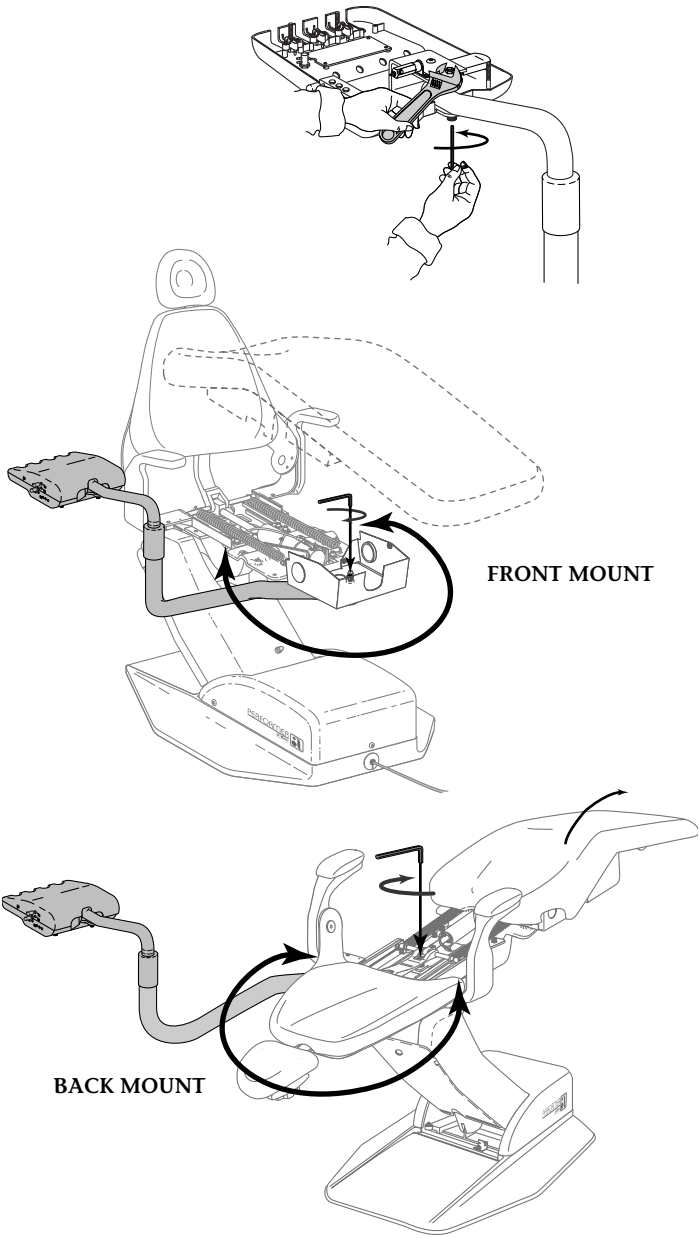
Control Head Height Adjustment



Control Head Positioning

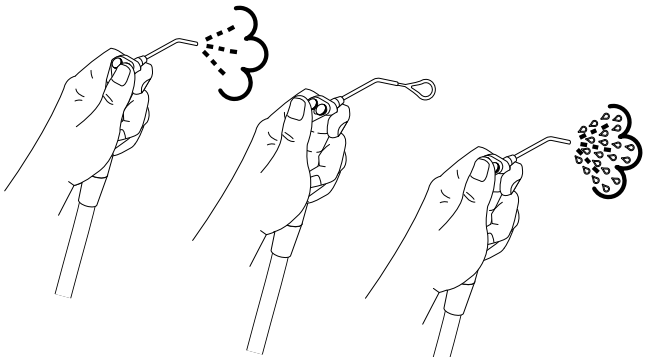


Pivot Point Tension Adjustment

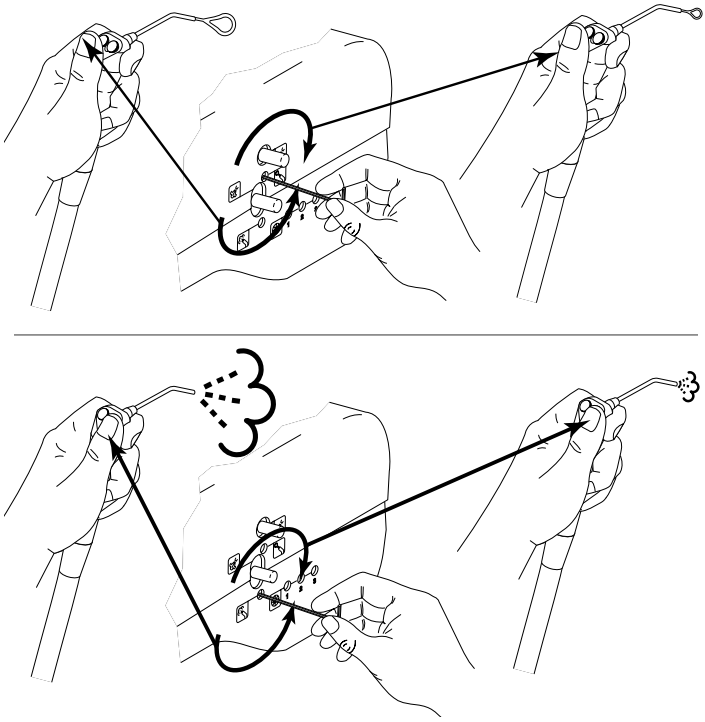


A-DEC AUTOCLAVABLE SYRINGE

Using the Autoclavable Syringe

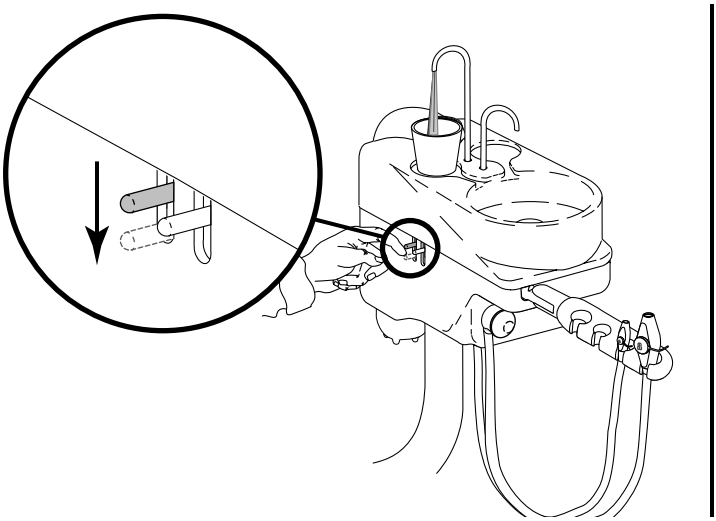


Syringe Flow Adjustments

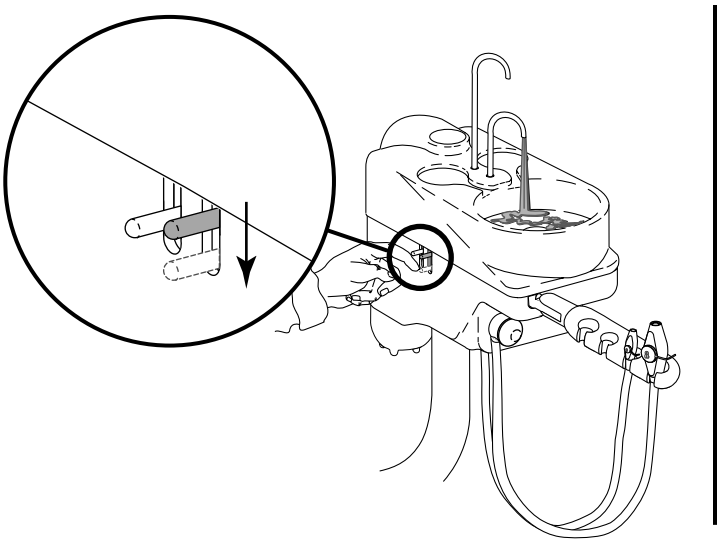


PERFORMER CUSPIDOR

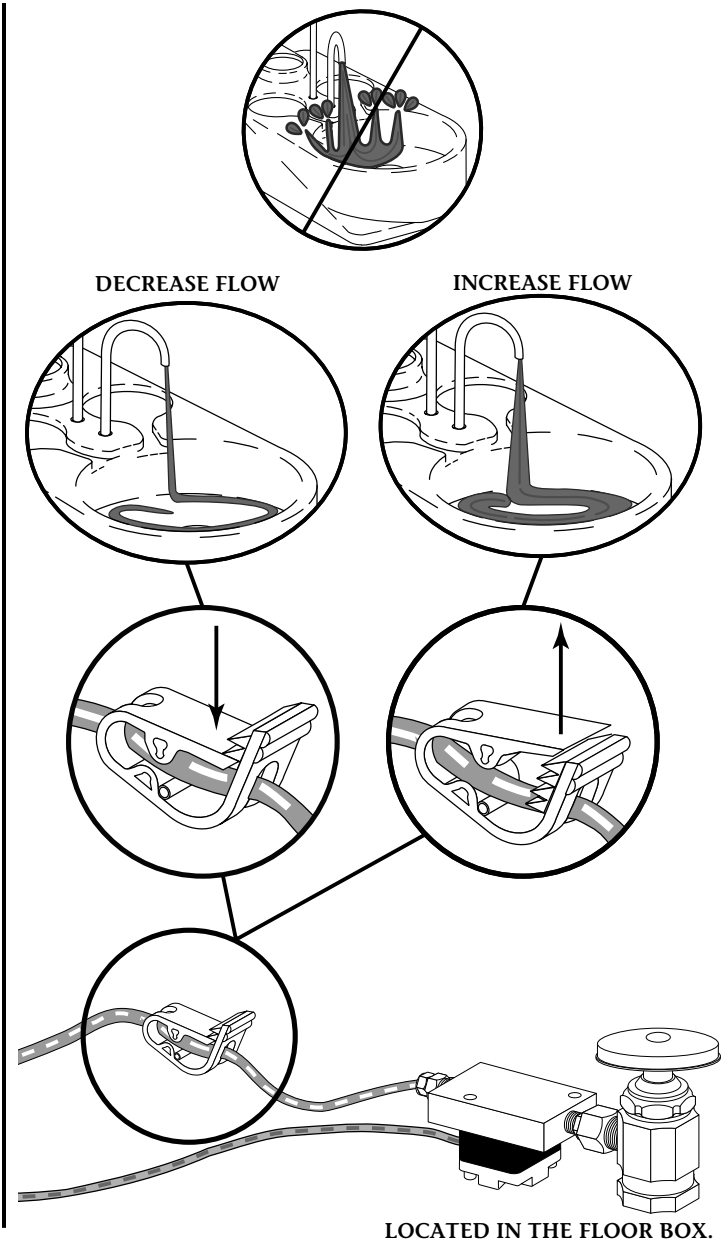
Cup Fill



Bowl Rinse

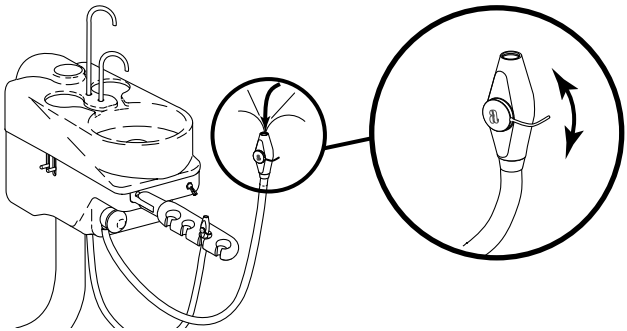


Cuspidor Bowl Rinse Flow Adjustment

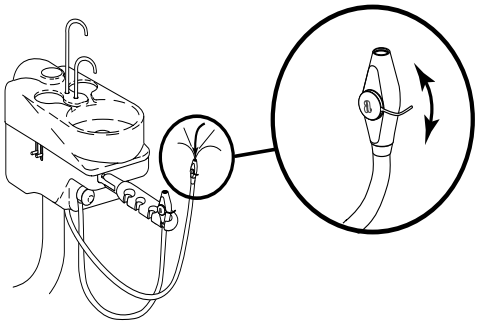


ASSISTANT'S INSTRUMENTATION

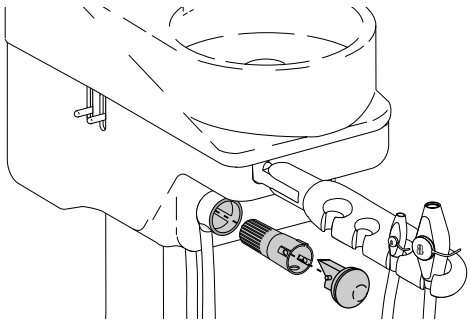
Autoclavable HVE



Autoclavable Saliva Ejector

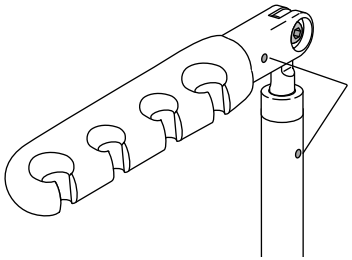


HVE Screen

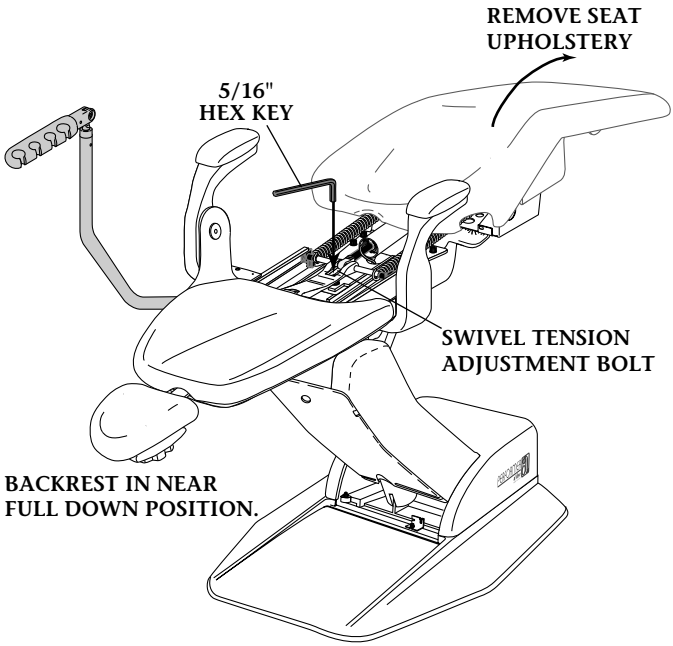


PERFORMER ASSISTANT'S ARM
(Option for Performer III Chair ONLY)

Holder Tension Adjustment

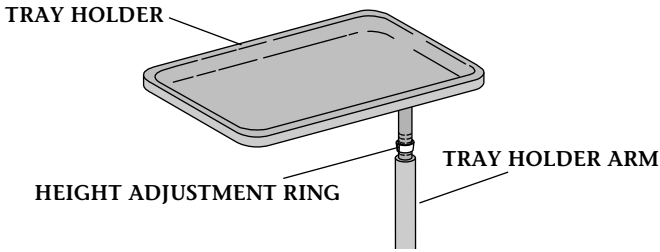


Swivel Tension Adjustment



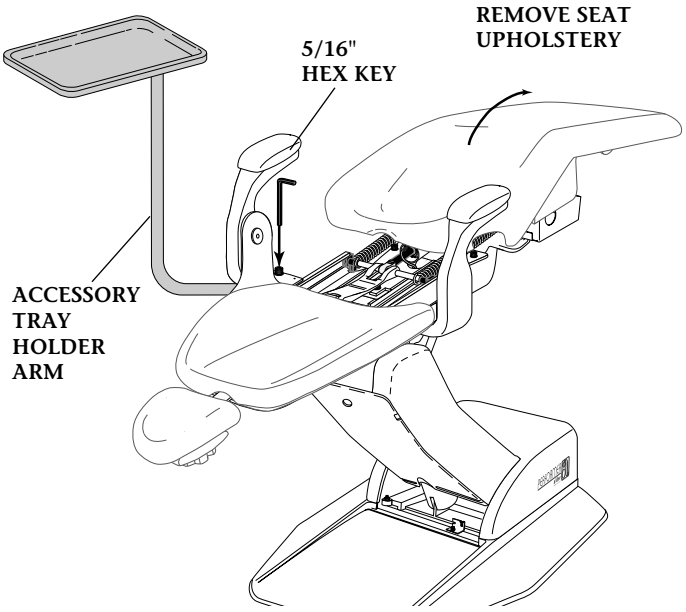
PERFORMER ACCESSORY TRAY HOLDER
(Option for Performer III Chair ONLY)

Tray Holder Height Adjustment



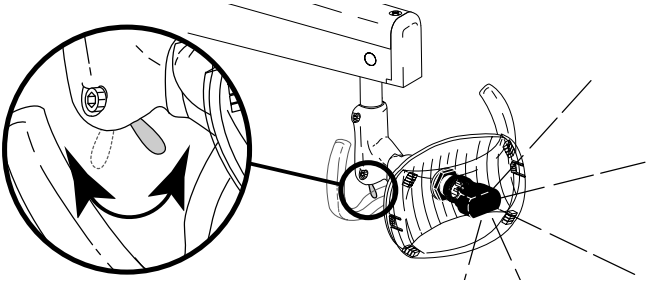
1. Lift the tray holder to access the height adjustment ring.
2. Slide the height adjustment ring to desired position.
3. Lower the tray holder onto the arm.

Swivel Tension Adjustment

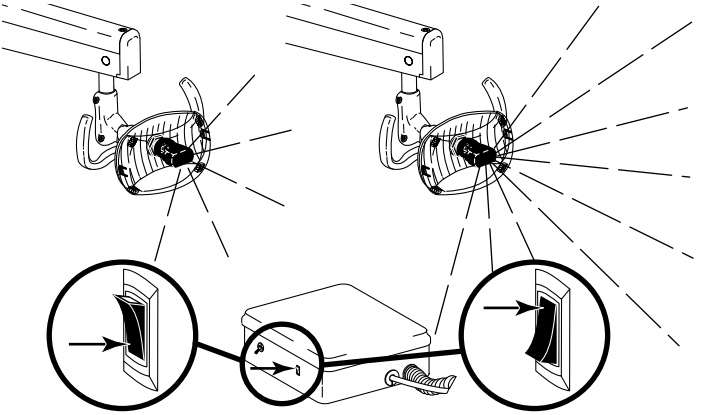


PERFORMER DENTAL LIGHT

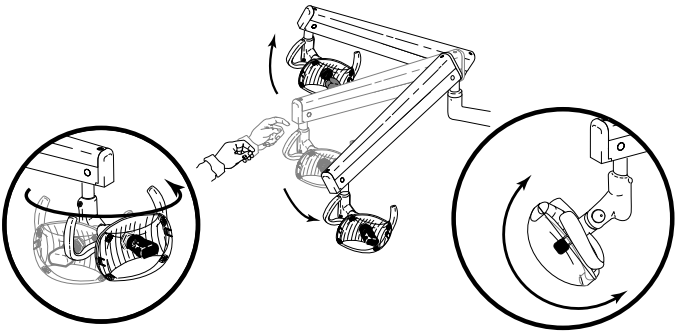
Dental Light On/Off Toggle



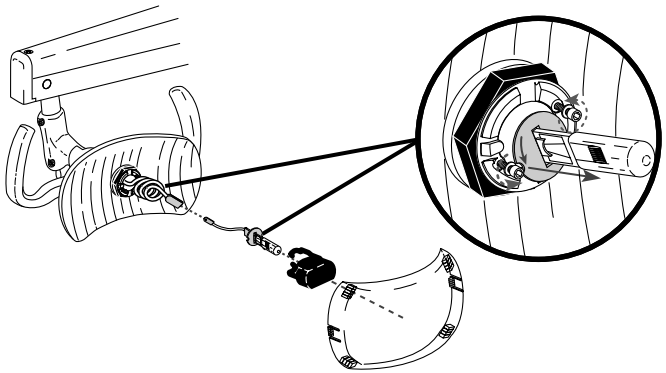
Dental Light Intensity Switch



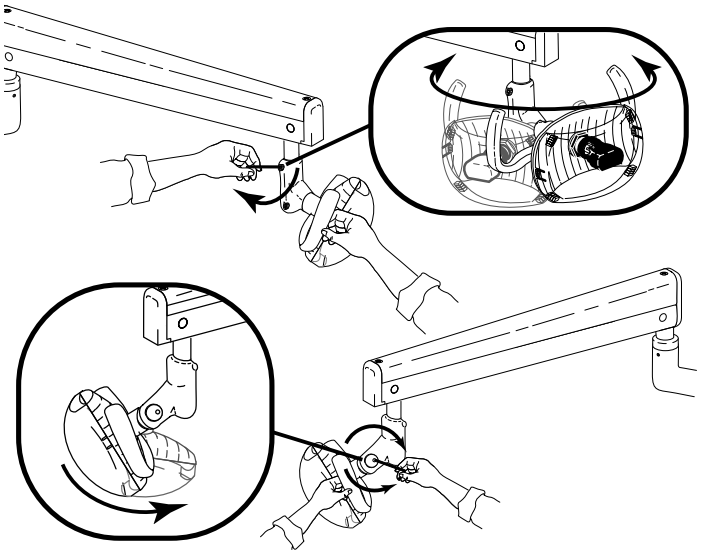
Light Head Positioning



Dental Light Bulb Replacement

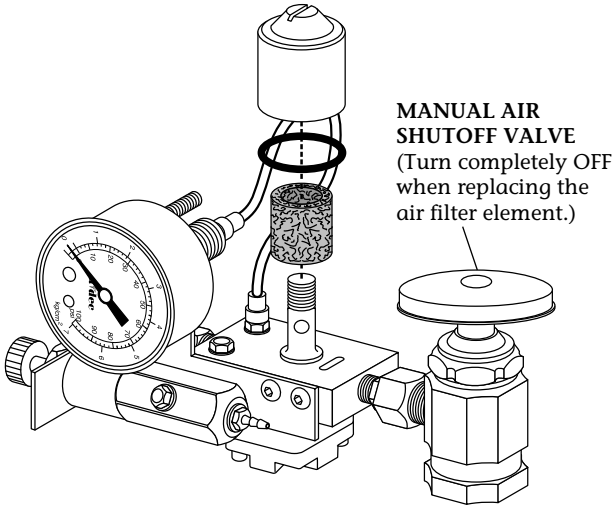


Light Head Pivot Adjustment

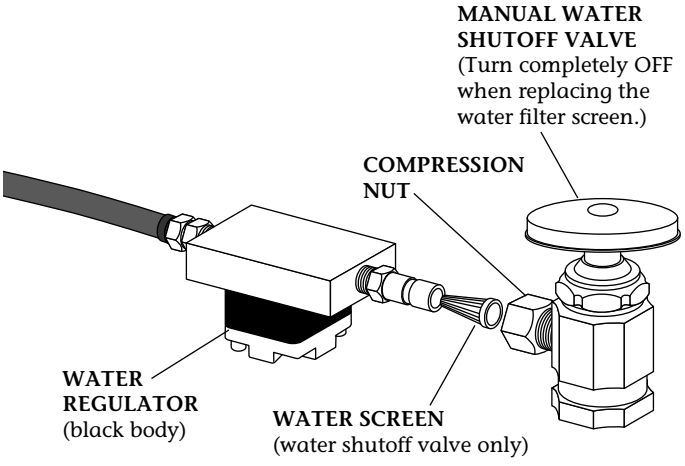


FLOOR BOX

Air Filter Element Replacement

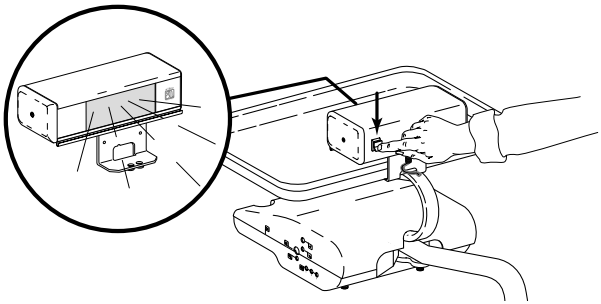


Water Screen Replacement

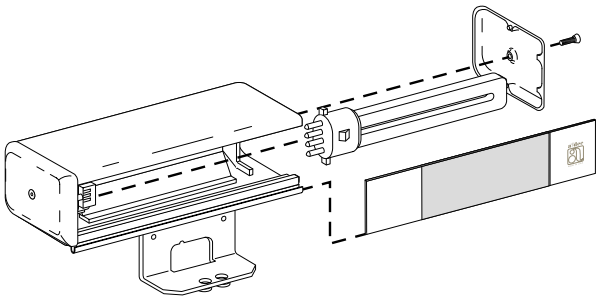


ACCESSORIES

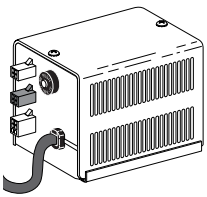
Bitewing Viewer



Bitewing Viewer Bulb Replacement



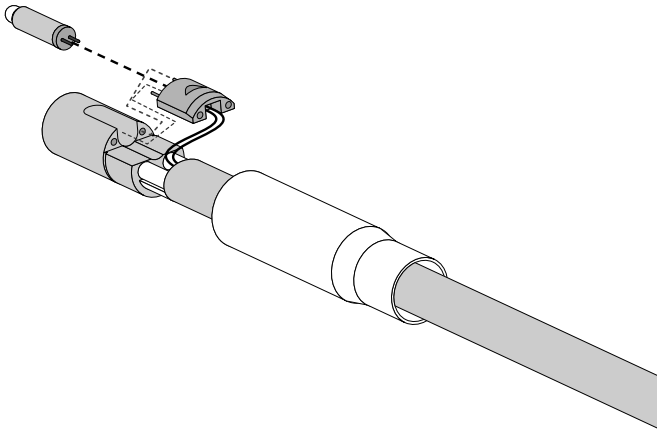
80 Watt Power Supply



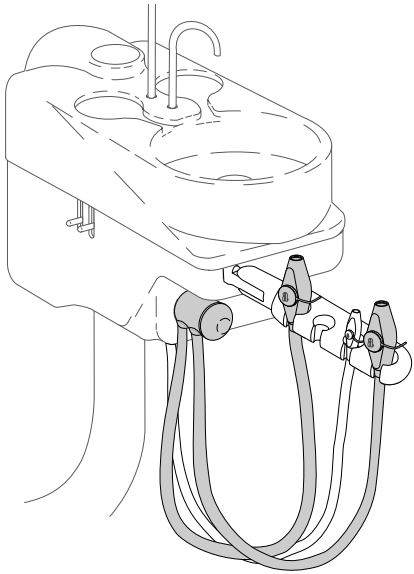
NOTE

No cleaning or maintenance required. If the floor box has an indicator light, it will illuminate when the power supply is plugged in.

Fiber-Optic Bulb Replacement



Dual HVE



GENERAL INFORMATION

Adjustments and Specifications

Performer III Chair.....page 1
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Headrest Glide Bar Tension Adjustment....page 5
Drive Air Adjustment.....page 9
Coolant Air Adjustment .....page 0
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Control Head Positioning .....page 13
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Syringe Flow Adjustments .....page 14
Cuspidor Bowl Rinse Flow Adjustment .....page 16
Dental Light Intensity Switch .....page 20
Light Head Positioning .....page 21
Light Head Pivot Adjustments.....page 21

Minimum air, water, and vacuum service requirements for proper unit operation:

Air: 2.50 cfm (70.80 L/min) at 80 psi (551 kPa).

Water: 1.50 gpm (5.68 L/min) at 40 psi (276 kPa).

Vacuum: 12 cfm (339.84 L/min) at 8 inches (27 kPa) of mercury.

Maximum weight specifications:

Maximum control head weight is 55 lbs. (30 kg).

Maximum cuspidor and dental light weight is 27 lbs. (12.25 kg).

Maximum Tray Holder (optional) weight is 12 lbs. (5.44 kg).

Weight of optional scaler: 2 lbs. (.91 kg).

Chair Capacity:

Patient Load: 300 lbs (135 kg) maximum.
Accessory Load: 130 lbs. (59 kg) maximum.

Maintenance

Handpiece Tubing Flush.....page 11
Oil Collector, Cleaning .....page 12
HVE Screen .....page 17
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Air & Water Filter Element Replacement .....page 22
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Also refer to the following Owner's Guides for more maintenance information:

Autoclavable Syringe 85.0680.00
Equipment Asepsis 85.0696.00
Maintenance Parts 85.2634.00
Self-contained Water System 85.0675.00

Safety Considerations for Accessory Equipment

The use of accessory equipment not complying with the equivalent safety requirements of this equipment may lead to a reduced level of safety of the resulting system.

Consideration relating to the use of accessory equipment shall include:

Evidence that Safety Certification of the accessory equipment has been performed in accordance to the appropriate IEC 601 and IEC 601-1 Harmonized National Standards.

Identification of Symbols

Recognized by Underwriters Laboratories Inc. ® with respect to electric shock, fire and mechanical hazards only in accordance with UL 2601-1. Recognized with respect to electric shock, fire, mechanical and other specified hazards only in accordance with CAN/CSA C22.2, No. 601.1.

UL listed to US (UL 544) and Canadian (CAN/CSA C22.2, No. 125) safety standards.

Classified by Underwriters Laboratories Inc. ® with respect to electric shock, fire and mechanical hazards only in accordance with UL 2601-1. Classified with respect to electric shock, fire, mechanical and other specified hazards only in accordance with CAN/CSA C22.2, No. 601.1.

Conforms to European Directives *(refer to Declaration Statement)*

Protective earth (ground).

Functional earth (ground).

Attention, consult accompanying documents.

TYPE B APPLIED PART.

CLASS II EQUIPMENT.

Classification of Equipment *(EN 60601-1)*

Type of Shock Protection:
CLASS I EQUIPMENT
(Dental Chairs, Dental Lights, & Power Supplies)
CLASS II EQUIPMENT
(Chair, Wall, & Cart Mounted Delivery Systems)

Degree of Shock Protection:
TYPE B APPLIED PART (All products)
(Degree of protection against water ingress:
ORDINARY EQUIPMENT (All products)

Mode of Operation
CONTINUOUS OPERATION
(All models except Dental Chairs)

Mode of Operation
CONTINUOUS OPERATION WITH
INTERMITTENT LOADING (Dental Chairs)

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